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Attorney Docket No4035-0177PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	invention entitled:		,				. с - <u>В</u> с		
Insert Title:	MICROSTRIP AN	TENNA AND CLO	OTHES ATTACHED WITH	H THE SAME					
Fill in Appropriate	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:								
Information -	The specification was filed onas								
For Use Without Specification	United States Application Number						and/or		
Attached:	and amended on								
	International Application Number PCT/JP03/013763						; and was		
	aniended on (if applicable)								
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.								
	l acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.								
	thereof, or patented year prior to this applicate date of this applicate representative or as patent or inventor's	l or described in a oplication, that the ition, that the investion in any cou ssigns more than certificate on this	e the same was ever know any printed publication in a same was not in publication in the ention has not been paten at the Unit twelve months (six months invention has been filed entatives or assigns, except benefits under Title 35, United have also identified belowers.	any country beluse or on sale intended in the second of th	fore my or our invent the United States of subject of an inventor erica on an applicati rior to this application preign to the United S	don thereof or not have lost the control of the con	nore than one than one year ed before the or my legal pplication for a prior to this		
	a filing date before t	that of the applica	nd have also identified bel tion on which priority is cl	low any foreign a laimed:	pplication for patent of	·			
Insert Priority	Prior Foreign App	olication(s)				Priority C	Claimed		
Information:							G2		
(If appropriate)	(Number)	(Country)		(Month/Day,	/Year Filed)	Yes	No		
	(Number)	(Country)	<u> </u>	(Month/Day,	/Year Filed)	Yes	No		
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	(Number)	(Country)	·	(Month/Day)	/Year Filed)	L_J Yes	No		
	I hereby claim the b	enefit under Title	35, United States Code, §1			applications(s) lis	sted below.		
	•	•			•	()			
Insert Provisional Application(s): (if any)	(Application Numb	er)		(Filing Da	ite)				
	(Application Number) (Filing Date)								
	All Foreign Applicathe Filing Date of T	— — — — — — — — — — — — — — — — — — —	my Patent or Inventor's Co	ertificate Filed Mo	ore than 12 Months (6	Months for Des	rigns) Prior to		
	Country		Application Number		Date of Filing (Month	/Day/Year)			
Insert Requested Information: (if appropriate)					· -				
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
Insert Prior U.S. Application(s): (if any)	(Application Numb	er)	(Filing Date)		(Status - patented, pe	nding, abandon	<u></u> ed)		
Page 1 of 2 (Rev. 05/2004)	(Application Numb	er)	(Filing Date)		(Status - patented, pe	nding, abandon	ed)		

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Attorney Docket No. 1935-0177PUS1

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I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

CUSTOMER NO. 02292 (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

Telephone: (703) 205-8000

Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		/DATE*			
MASATO TANAKA	Sasato Canaha	r)	May 10, 200 6			
Residence (City, State & Country)		CITIZENSHIR				
Tokyo, JAPAN		JAPAN				
MAILING ADDRESS (Complete Street Address including City, State & Country) c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, INDEPENDE ADMINISTRATIVE AGENCY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 184-0015, Japa						
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	, , ,	DATE*			
JAE-HYEUK JANG			- Landerson			
Residence (City, State & Country)	A STANDARD S	CITIZENSHIP				
Tokyo, JAPAN		Republic o	of Korea			
c/o national institute of informati	TION AND COMMUNICATIONS TH	ECHNOLOGY, II Fokyo 184-00	NDEPENDENT D15,Japan			
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Residence (City, State & Country)		CITIZENSHIP				
MAILING ADDRESS (Complete Street Address i	including City, State & Country)					
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	# P	DATE*			
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	Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address c/o NATIONAL INSTITUTE OF INFORMAT ADMINISTRATIVE AGENCY, 4-2-1, Nukuii GIVEN NAME/FAMILY NAME JAE-HYEUK JANG Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address c/o NATIONAL INSTITUTE OF INFORMAT ADMINISTRATIVE AGENCY, 4-2-1, Nukuii GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street Address in GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street Address in GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street Address in GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street Address in GIVEN NAME/FAMILY NAME Residence (City, State & Country) MAILING ADDRESS (Complete Street Address in GIVEN NAME/FAMILY NAME Residence (City, State & Country)	Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) ADMINISTRATIVE AGENCY, 4-2-1, Nukui-Kitamachi, Koganei-shi, 7 GIVEN NAME/FAMILY NAME JAB-HYEUK JANG Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) Residence (City, State & Country)	Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME ADMINISTRATIVE AGENCY, 4-2-1, Nukui-ki banāchi, Koganci-shi, Tokyo 184-00 GIVEN NAME/FAMILY NAME JABAN MAILING ADDRESS (Complete Street Address including City, State & Country) Tokyo, JAPAN Residence (City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) Tokyo, JAPAN MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) MAILING ADDRESS (Complete Street Address including City, State & Country) GIVEN NAME/FAMILY NAME INVENTOR'S SIGNATURE Residence (City, State & Country) CITIZENSHIF Residence (City, State & Country)			

Page 2 of 2 (Rev. 05/2004)

*DATE OF SIGNATURE

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Attorney Docket No. 4035-0177PIIS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	invention entitled:							
Insert Title:	MICROSTRIP ANT	ENNA AND CL	OTHES ATTACHED WIT	THE SAME				
Fill in Appropriate	forth above and/or the	ne following:	hereto. If not attached he		•	•	number as set	
For Use Without	United States A	pplication Num	ber				······································	
Specification	and amended or	1	october 27. 2003			(if applicable)	and/or	
Attached:	and amended on					· · · · · and was		
	amended on					(if applicable)		
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as							
Insert Priority Information: (If appropriate)	amended by any ame I acknowledge Regulations, §1.56. I do not know a thereof, or patented year prior to this applicat date of this applicat representative or ass patent or inventor's o application by me or I hereby claim for inventor's certifica	endment referre the duty to dis- nd do not believ or described in plication, that the ion, that the invition in any con- igns more than certificate on the my legal repres- oreign priority te listed below a at of the applica-	d to above. sclose information which we the same was ever know any printed publication he same was not in publication has not been pate untry foreign to the Unitation has been file is invention has been file sentatives or assigns, exception benefits under Title 35, Up and have also identified be ation on which priority is	is material to pay when or used in the in any country be cause or on sale it inted or made the ted States of And the for designs) pay in any country in as follows. In the States Code elow any foreign and claimed: (Month/Day (Month/Day	United States of America my or our inventor the United States of subject of an inventor nerica on an application for eign to this application for eign to the United application for patents. (Year Filed) (Year Filed)	d in Title 37, Control of the Title 37, Control of America more of America more to the certificate issuation filed by me on, and that no a States of America	de of Federal our invention nore than one than one year led before the or my legal pplication for a prior to this n(s) for patent ificate having	
	(Number) (Country) (Month/Day/Year Filed) Yes No I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed below							
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Insert Requested Information: (If appropriate)	Country		Application Number		Date of Filing (Mon	th/Day/Year)		
	continuation-in-part disclosed in the prior Code, §112, I ackno	application(s) li United States a wledge the dut §1.56 which b	le 35, United States Code isted below and, insofar and/or PCT application in to disclose information became available between the control of	as the subject ma the manner prov which is material	itter of each of the cl rided by the first para I to the patentability	alms of this appl graph of Title 35, as defined in Titl	lication is not United States te 37, Code of	
Insert Prior U.S. Application(s): (if any)	(Application Number	•)	(Filing Date)		(Status - patented, p	ending, abandon	<u></u> ed)	
Page 1 of 2 (Rev. 05/2004)	(Application Number	7)	(Filing Date)		(Status - patented, p	ending, abandon	ed)	

Attorney Docket No. 4035-0177PUS1

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	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE .		(DATE	
M ⊃c → ignul	MASATO TANAKA)[(
	Residence (City, State & Country)		CITIZENSH	IP .	
p	Tokyo, JAPAN	=	JAPAN		
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ame of Second nito, if any: see above	GIVEN NAME/FAMILY NAME	/ INVENTOR'S SIGNATURE	, , , , , ,	DATE*	
	JAE-HYEUK JANG	Jae-Hyenk Jan	ng	5/23/2006	
	Residence (City, State & Country)		CITIZENSH	P	
	Tokyo, JAPAN	- mandy 2 cm/- 0 -	Republic	of Korea	
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Page 2 of 2 (Rev. 05/2004)

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